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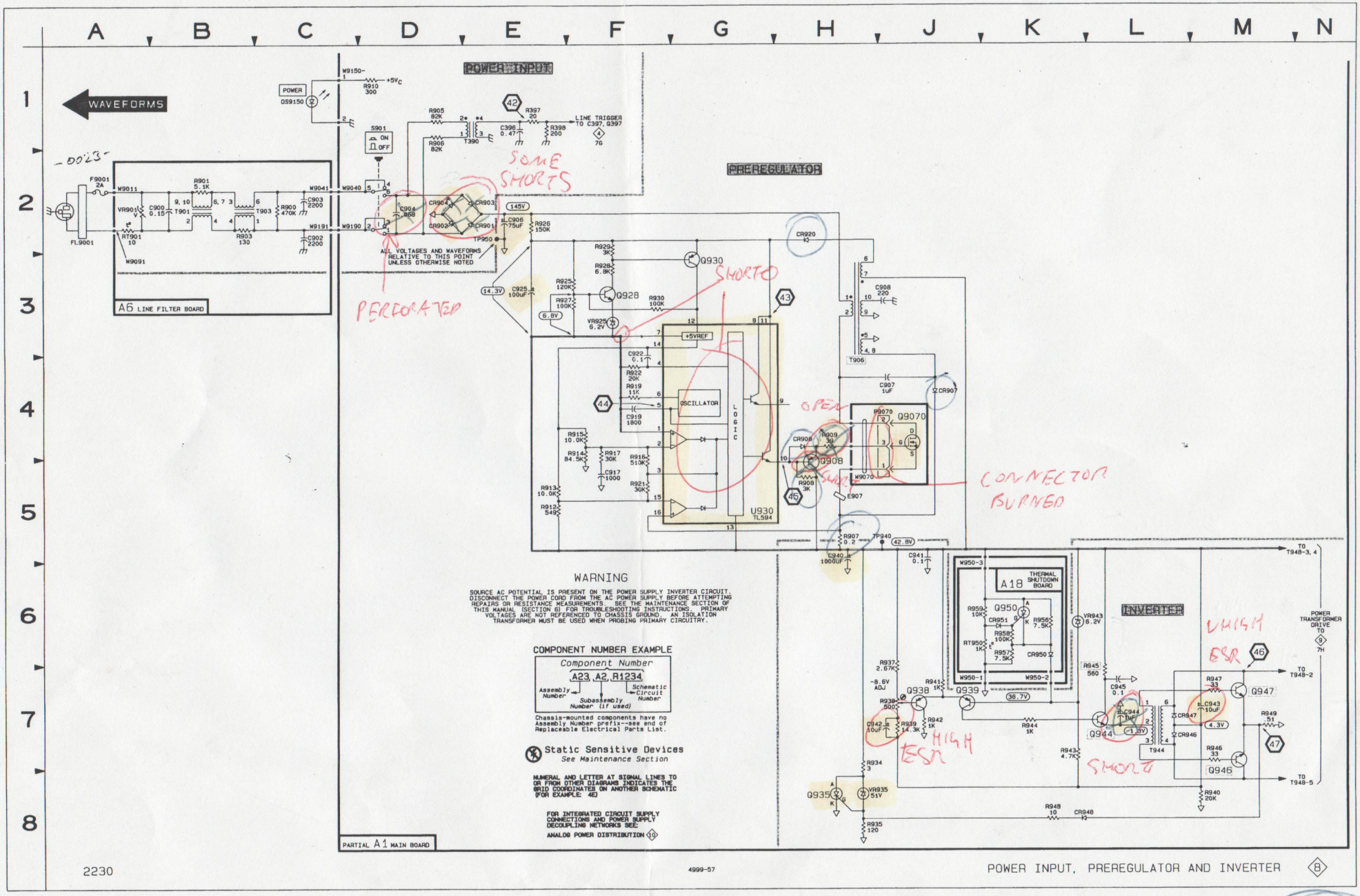
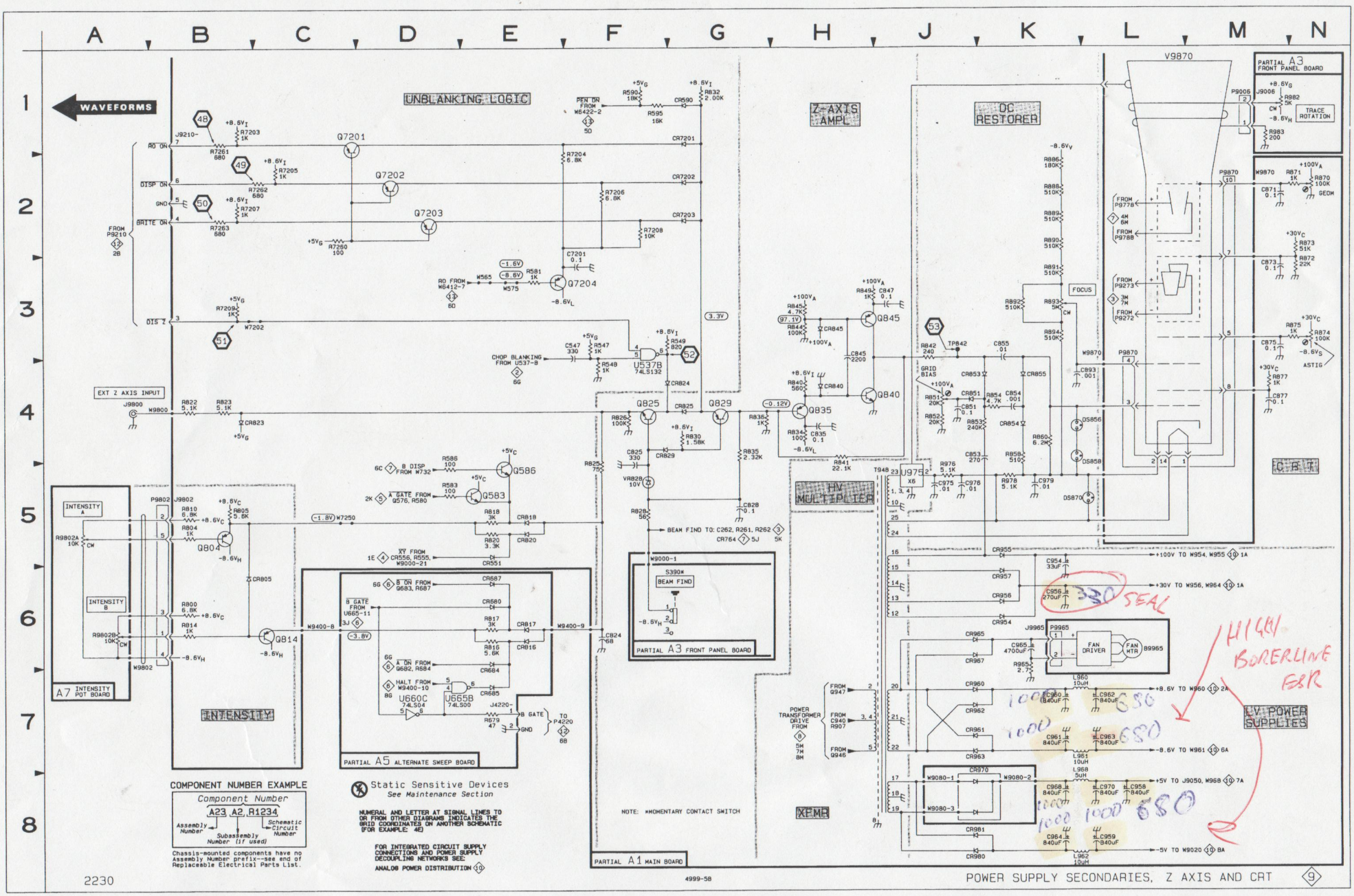

POWER INPUT
PREREGULATOR
INVERTER
WAVEFORMS
A6 LINE FILTER BOARD
PARTIAL A1 MAIN BOARD
A18 THERMAL SHUTDOWN BOARD
U930 TL594
OSCILLATOR
LOGIC
+5VREF
ALL VOLTAGES AND WAVEFORMS RELATIVE TO THIS POINT UNLESS OTHERWISE NOTED
SOME SHORTS
PERFORATED
SHORTED
OPEN
CONNECTOR BURNED
HIGH ESR
SHORTED
WARNING
SOURCE AC POTENTIAL IS PRESENT ON THE POWER SUPPLY INVERTER CIRCUIT. DISCONNECT THE POWER CORD FROM THE AC POWER SUPPLY BEFORE ATTEMPTING REPAIRS OR RESISTANCE MEASUREMENTS. SEE THE MAINTENANCE SECTION OF THIS MANUAL (SECTION 6) FOR TROUBLESHOOTING INSTRUCTIONS. PRIMARY VOLTAGES ARE NOT REFERENCED TO CHASSIS GROUND. AN ISOLATION TRANSFORMER MUST BE USED WHEN PROBING PRIMARY CIRCUITRY.
COMPONENT NUMBER EXAMPLE
Component Number
A23, A2, R1234
Assembly Number
Subassembly Number (if used)
Schematic Circuit Number
Chassis-mounted components have no Assembly Number prefix--see end of Replaceable Electrical Parts List.
Static Sensitive Devices
See Maintenance Section
NUMERAL AND LETTER AT SIGNAL LINES TO OR FROM OTHER DIAGRAMS INDICATES THE GRID COORDINATES ON ANOTHER SCHEMATIC (FOR EXAMPLE: 4E)
FOR INTEGRATED CIRCUIT SUPPLY CONNECTIONS AND POWER SUPPLY DECOUPLING NETWORKS SEE:
ANALOG POWER DISTRIBUTION 10
LINE TRIGGER TO C397, Q397
TO T948-3, 4
TO T948-2
TO T948-5
POWER TRANSFORMER DRIVE TO 9 7H

2230

4999-57

POWER INPUT, PREREGULATOR AND INVERTER 8

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